

ABSTRACT

In the production of peptides having a desired biological activity using genetic engineering technology, it is characterized that said peptide of interest is expressed with addition of a helper peptide to said peptide of interest. This results in the enhancement in the purification efficiency and the yield of the peptide of interest through the prevention of aggregation during the recovery and/or purification process by adjusting isoelectric points, the enhancement of recovery in ion exchange chromatography, the enhancement of solubility of a fusion protein during the enzyme reaction for release the peptide of interest by enzymatic cleavage when the peptide of interest is expressed as a fusion protein with another peptide, the enhancement of solubility of said peptide during the enzyme reaction when the enzymatic modification of the peptide of interest is required, and the like.

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